

# MATERIAL SAFETY DATA SHEET

## Section 1. Chemical Product and Company Information

Product #: AZ-039660  
Product Name: Ravage Drain Enzymes  
Product Use: Bio-enzymatic Digestant  
Distributor Name: National Everything Wholesale  
Distributor Address: 2511 S. 156th Circle  
Omaha, NE 68130  
Emergency Phone #: 1-800-535-5053 Infotrac 24 hours  
Date Prepared/Updated: 9-6-12

## Hazardous Material Information System (HMIS)

Health: 1  
Fire Hazard: 0  
Reactivity: 0  
Precautionary Label Statements: Caution

## Section 2. Composition and Information on Ingredients

Ingredients	CAS#	%	Exposure Limits
Water	7732-18-5	80-90	Not Listed
Non-Pathogenic Bacterial Spores	Not Available	<10	Not Listed
Propylene Glycol n-Propyl Ether	1569-01-3	<5	Not Listed
Sodium Xylene Sulfonate	1300-72-7	<3	Not Listed
Nonylphenolpolyethoxyethanol	68412-54-4	<5	Not Listed

## Section 3. Hazards Identification

Route of Entry: Eyes  
Potential Acute Health Effects: None known

## Section 4. First Aid Measures

Eye Contact: Flush immediately with water for 15 minutes being careful to flush behind the eyelids. Seek medical attention if irritation persists or develops.  
Inhalation: No harmful effects expected.  
Skin Contact: No harmful effects expected. Prolonged or repeated contact may dry skin and cause irritation.  
Ingestion: Immediately drink plenty of water. If discomfort persists, get medical attention.

## Section 5. Fire Fighting Measures

Flash Point: None (not flammable) Method: Tag Open Cup  
Fire Fighting Media and Instructions: Extinguish with water spray or carbon dioxide; dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.  
Unusual Fire and Explosion Hazards: None Known

## Section 6. Accidental Release Measures

Personal Precautions: Put on appropriate personal protective equipment (see section 8).  
Environmental Precautions: In the event of major spillage: Use appropriate containment to avoid environmental contamination. Collect spilled material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean up.

## Section 7. Handling and Storage

Handling: Avoid contact with eyes. Use appropriate hygiene methods when handling product. For industrial use only.  
Storage: Store in a cool well ventilated area. Protect from freezing. Keep out of reach of children.

## Section 8. Exposure Controls & Personal Protection:

Engineering Controls: None usually needed. General room ventilation is adequate.

## Personal Protection:

Eyes: No special requirements under normal use conditions.  
Hands: No special requirements under normal use conditions.  
Respiratory: No special requirements under normal use conditions.  
Additional Measures: No special requirements under normal use conditions.  
Listed Carcinogen: No ingredients listed by NTP, IARC or OSHA Subpart Z.  
Medical Condition Aggravated: Persons with pre-existing skin disorders may be susceptible to irritating effects.

## Section 9. Physical and Chemical Properties

Fragrance: Fresh  
Physical State: Liquid  
Color: White  
pH: 7.0-7.5  
Specific Gravity: 1.01  
Boiling/Condensation Point: Approximately 212°F  
Melting/Freezing Point: Approximately 32°F  
Solubility in Water: Complete at 25°C

## Section 10. Stability and Reactivity

Stability and Reactivity: Stable  
Conditions of Instability: None Known  
Incompatibility with Various Substances: None Known  
Decomposition Products: When exposed to fire: Produces normal products of combustion.  
Hazardous Polymerization: Will not occur.

## Section 11. Toxicological Information

Effects of Chronic Exposure: None Known

## Section 12. Ecological Information: None Known

## Section 13. Disposal Considerations: Dispose of all wastes according to all federal, state and local legislation.

## Section 14. Transport Information

DOT Classification: NOI Non-Hazardous

## Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

U.S. Regulation: Not Regulated.  
Federal: Not Regulated.  
State: Not Regulated.  
Registered Product Information: Not EPA Registered.

## Sara Section 312:

Immediate (Acute) Health

## Sara Section 313: Toxic Release Inventory Reporting

None Present

## Section 16. Other Information None reported.

TSCA STATUS: All ingredients of this product are listed on the TSCA inventory.

Other Special Considerations: None reported.

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and must comply with all federal, state, Provincial and Local Laws and Regulations.

Product #

**AZ-039660**